Author Index

Aarsman, A.J., see Van Schaik, R.H.N. (1169) 1

Aoubala, M., Douchet, I., Laugier, R., Hirn, M., Verger, R. and De Caro, A.
Purification of human gastric lipase by immunoaffinity and quantification of this enzyme in the duodenal contents using a new ELISA procedure (1169) 183

Arai, H., see Nishikawa, K. (1169) 257

Asztalos, B.F., Sloop, C.H., Wong, L. and Roheim, P.S.
Comparison of apo A-I-containing subpopulations of dog plasma and prenodal peripheral lymph: evidence for alteration in subpopulations in the interstitial space (1169) 301

Asztalos, B.F., Sloop, C.H., Wong, L. and Roheim, P.S.
Two-dimensional electrophoresis of plasma lipoproteins: recognition of new apo A-I-containing subpopulations (1169) 291

Baecker, P., see Kühn, H. (1169) 80

Balsinde, J.
Mechanism of arachidonic acid liberation in ethanol-treated mouse peritoneal macrophages (1169) 54

Barnett, J., see Kühn, H. (1169) 80

Bélichard, P., Pruneau, D. and Zhiri, A.
Effect of a long-term treatment with lovastatin or fenofibrate on hepatic and cardiac ubiquinone levels in cardiomyopathic hamster (1169) 98

Berg, T., see Gjøen, T. (1169) 225

Bessoule, J.-J., see Lessire, R. (1169) 243

Bhat, B.G., see Mostafa, N. (1169) 189

Bursztyn-Pettegrew, H., see Kühn, H. (1169) 80

Cassagne, C., see Lessire, R. (1169) 243

Castle, C.K., see Sloop, C.H. (1169) 196

Chan, H., see Kühn, H. (1169) 80

Choudhury, Q., see Tokumoto, H. (1169) 236

Chow, J., see Kühn, H. (1169) 80

Chung, G.H., see Lee, Y.P. (1169) 156

Cinti, D.L., see Lessire, R. (1169) 243

Coleman, R.A., see Mostafa, N. (1169) 189

Colombo, C., see Galella, G. (1169) 280

Cook, L., see Lessire, R. (1169) 243

Croxtall, J.D., see Tokumoto, H. (1169) 236

Daniel, L.W., see Strum, J.C. (1169) 25

Da Silva, L.A., De Marcucci, O.L. and Kuhnle, Z.R.
Dietary polyunsaturated fats suppress the high-sucrose-induced increase of rat liver pyruvate dehydrogenase levels (1169) 126

Datta, A.K. and Takayama, K.
Biosynthesis of a novel 3-oxo-2-tetradecyloctadecanoate-containing phospholipid by a cell-free extract of *Corynebacterium diphtheriae* (1169) 135

De Caro, A., see Aoubala, M. (1169) 183

DeLallo, L., see Mott, G.E. (1169) 59

De Marcucci, O.L., see Da Silva, L.A. (1169) 126

Dobrian, A., Mora, R., Simionescu, M. and Simionescu, N.
In vitro formation of oxidatively-modified and reassembled human low-density lipoproteins: antioxidant effect of albumin (1169) 12

Douchet, I., see Aoubala, M. (1169) 183

Driscoll, D.M., see Mott, G.E. (1169) 59

Dunbar, B., see Dutta-Roy, A.K. (1169) 73

Dutta-Roy, A.K., Huang, Y., Dunbar, B. and Trayhurn, P.
Purification and characterization of fatty acid-binding proteins from brown adipose tissue of the rat (1169) 73

Enerbäck, S. and Gimble, J.M.
Lipoprotein lipase gene expression: physiological regulators at the transcriptional and post-transcriptional level (1169) 107

Flower, R.J., see Tokumoto, H. (1169) 236

Funahashi, T., see Sakai, N. (1169) 169

Galella, G., Marangoni, F., Risé, P., Colombo, C., Galli, G. and Galli, C.
$n-6$ and $n-3$ fatty acid accumulation in thp-1 cell phospholipids (1169) 280

Galli, C., see Galella, G. (1169) 280

Galli, G., see Galella, G. (1169) 280

Gibson, K.J.
Palmitoleate formation by soybean stearoyl-acyl carrier protein desaturase (1169) 231

Gimble, J.M., see Enerbäck, S. (1169) 107

Gjøen, T. and Berg, T.
Hepatic uptake and intracellular processing of LDL in rainbow trout (1169) 225

Gómez-Fernández, J.C., see López-García, F. (1169) 264

Grunberger, D., see Kühn, H. (1169) 80

Hirn, M., see Aoubala, M. (1169) 183

Homma, Y., see Okajima, Y. (1169) 103

Huang, Y., see Dutta-Roy, A.K. (1169) 73

Ichida, A., see Uzawa, H. (1169) 165

Imai, S.-i., see Yamada, K. (1169) 217

Inoue, K., see Nishikawa, K. (1169) 257

Ito, H., see Kaya, K. (1169) 39

Kameda-Takemura, K., see Sakai, N. (1169) 169

Kates, M., Moldoveanu, N. and Stewart, L.C.
On the revised structure of the major phospholipid of *Halobacterium salinarium* (1169) 46

Kawamoto, T., see Sakai, N. (1169) 169

Kawasaki, T., see Noda, N. (1169) 30

Kawashima, Y., Musoh, K. and Kozuka, H.
Alterations by clofibric acid of glycerolipid metabolism in rat-kidney (1169) 202

Kawata, S., see Sakai, N. (1169) 169

Kaya, K., Sano, T., Watanabe, M.M., Shiraishi, F. and Ito, H.
Thioic *O*-acid ester in sulfolipid isolated from freshwater picoplankton cyanobacterium, *Synechococcus* sp. (1169) 39

Kirk, K., see Madden, M.C. (1169) 176

Kodama, M., Miyata, T. and Takaichi, Y.
Calorimetric investigations of phase transitions of sonicated vesicles of dimyristoylphosphatidylcholine (1169) 90

Kozuka, H., see Kawashima, Y. (1169) 202

Kubo, M., see Sakai, N. (1169) 169

Kühn, H., Barnett, J., Grunberger, D., Baecker, P., Chow, J., Nguyen, B., Bursztyn-Pettegrew, H., Chan, H. and Sigal, E.
Overexpression, purification and characterization of human recombinant 15-lipoxygenase (1169) 80
Kuhnle, Z.R., see Da Silva, L.A. (1169) 126
Kunze, H.
Intralysosomal glycerophospholipid catabolism in liver: hydrolysis of amino alcohol-containing phospholipids and their metabolites (1169) 273

Laugier, R., see Aoubala, M. (1169) 183
Lee, Y.P., Chung, G.H. and Rhee, J.S.
Purification and characterization of *Pseudomonas fluorescens* SIK W1 lipase expressed in *Escherichia coli* (1169) 156
Lefevre, M., see Sloop, C.H. (1169) 196
Lessire, R., Bessoule, J.-J., Cook, L., Cinti, D.L. and Cassagne, C.
Occurrence and characterization of a dehydratase enzyme in the leek icosanoyl-CoA synthase complex (1169) 243
Lewis, D.S., see Mott, G.E. (1169) 59
López-García, F., Micol, V., Villalaín, J. and Gómez-Fernández, J.C.
Infrared spectroscopic study of the interaction of diacylglycerol with phosphatidylserine in the presence of calcium (1169) 264

Madden, M.C., Van Winkle, W.B., Kirk, K., Pike, M.M., Pohost, G.M. and Wolkowicz, P.E.
^{1}H-NMR spectroscopy can accurately quantitate the lipolysis and oxidation of cardiac triacylglycerols (1169) 176
Marangoni, F., see Galella, G. (1169) 280
Mase, T., see Uzawa, H. (1169) 165
Matsuzawa, Y., see Sakai, N. (1169) 169
McMahan, C.A., see Mott, G.E. (1169) 59
Meguro, H., see Uzawa, H. (1169) 165
Micol, V., see López-García, F. (1169) 264
Miyahara, K., see Noda, N. (1169) 30
Miyata, T., see Kodama, M. (1169) 90
Moldoveanu, N., see Kates, M. (1169) 46
Mora, R., see Dobrian, A. (1169) 12
Mostafa, N., Bhat, B.G. and Coleman, R.A.
Increased hepatic monoacylglycerol acyltransferase activity in streptozotocin-induced diabetes: characterization and comparison with activities from adult and neonatal rat liver (1169) 189
Mott, G.E., DeLallo, L., Driscoll, D.M., McMahan, C.A. and Lewis, D.S.
Influence of breast and formula feeding on hepatic concentrations of apolipoprotein and low-density lipoprotein receptor mRNAs (1169) 59
Musoh, K., see Kawashima, Y. (1169) 202

Nakamura, T., see Sakai, N. (1169) 169
Neijs, F.W., see Van Schaik, R.H.N. (1169) 1
Nguyen, B., see Kühn, H. (1169) 80
Nishikawa, K., Sato, Y., Arai, H. and Inoue, K.
Mobilization of acyl chains from endogenous cellular phospholipids into cholesteryl esters during foam-cell formation in mouse peritoneal macrophages (1169) 257
Nixon, A.B., see Strum, J.C. (1169) 25
Noda, N., Tanaka, R., Miyahara, K. and Kawasaki, T.
Isolation and characterization of a novel type of glycosphingolipid from *Neanthes diversicolor* (1169) 30

Ohrui, H., see Uzawa, H. (1169) 165
Okajima, Y., Homma, Y. and Seiki, K.
Synthetic boundary cell in an analytical ultracentrifuge to determine the flotation coefficient of human serum lipoproteins (1169) 103

Pike, M.M., see Madden, M.C. (1169) 176
Pohost, G.M., see Madden, M.C. (1169) 176
Possmayer, F., see Xu, J. (1169) 146
Pruneau, D., see Bélichard, P. (1169) 98

Rhee, J.S., see Lee, Y.P. (1169) 156
Risé, P., see Galella, G. (1169) 280
Roheim, P.S., see Asztalos, B.F. (1169) 291
Roheim, P.S., see Asztalos, B.F. (1169) 301

Sakai, N., Yamashita, S., Ueyama, Y., Kawamoto, T., Nakamura, T., Funahashi, T., Kameda-Takemura, K., Kawata, S., Kubo, M., Tokunaga, K., Tarui, S. and Matsuzawa, Y.
Extralysosomal degradation of high-density lipoproteins in a human hepatoma cell line, Mahlavu (1169) 169
Sakane, F., see Yamada, K. (1169) 211
Sakane, F., see Yamada, K. (1169) 217
Sakuma, M., Yamada, J. and Suga, T.
Induction of peroxisomal β-oxidation by structural analogues of dehydroepiandrosterone in cultured rat hepatocytes: structure-activity relationships (1169) 66
Sano, T., see Kaya, K. (1169) 39
Sato, Y., see Nishikawa, K. (1169) 257
Schneider, W.J., see Vieira, A.V. (1169) 250
Seiki, K., see Okajima, Y. (1169) 103
Shiraishi, F., see Kaya, K. (1169) 39
Sigal, E., see Kühn, H. (1169) 80
Simionescu, M., see Dobrian, A. (1169) 12
Simionescu, N., see Dobrian, A. (1169) 12
Sloop, C.H., Castle, C.K., Lefevre, M. and Wong, L.
Comparison of the lipid and apolipoprotein composition of skeletal muscle and peripheral lymph in control dogs and in dogs fed a high fat, high cholesterol, hypothyroid-inducing diet (1169) 196
Sloop, C.H., see Asztalos, B.F. (1169) 291
Sloop, C.H., see Asztalos, B.F. (1169) 301
Stewart, L.C., see Kates, M. (1169) 46
Strum, J.C., Nixon, A.B., Daniel, L.W. and Wykle, R.L.
Evaluation of phospholipase C and D activity in stimulated human neutrophils using a phosphono analog of choline phosphoglyceride (1169) 25
Suga, T., see Sakuma, M. (1169) 66

Takaichi, Y., see Kodama, M. (1169) 90
Takayama, K., see Datta, A.K. (1169) 135
Takemura, H., see Yamada, K. (1169) 217
Tanaka, R., see Noda, N. (1169) 30
Tarui, S., see Sakai, N. (1169) 169
Tokumoto, H., Croxtall, J.D., Choudhury, Q. and Flower, R.J.
Phospholipase A_2-induced stimulation of A549 lung adenocarcinoma cell line proliferation (1169) 236
Tokunaga, K., see Sakai, N. (1169) 169
Trayhurn, P., see Dutta-Roy, A.K. (1169) 73

Ueyama, Y., see Sakai, N. (1169) 169
Uzawa, H., Ohrui, H., Meguro, H., Mase, T. and Ichida, A.
A convenient evaluation of the stereoselectivity of lipase-catalyzed hydrolysis of tri-*O*-acylglycerols on a chiral-phase liquid chromatography (1169) 165

Van den Bosch, H., see Van Schaik, R.H.N. (1169) 1
Van Schaik, R.H.N., Verhoeven, N.M., Neijs, F.W., Aarsman, A.J. and Van den Bosch, H.
Cloning of the cDNA coding for 14 kDa group II phospholipase A_2 from rat liver (1169) 1
Van Winkle, W.B., see Madden, M.C. (1169) 176
Verger, R., see Aoubala, M. (1169) 183

Verhoeven, N.M., see Van Schaik, R.H.N. (1169) 1
Vieira, A.V. and Schneider, W.J.
Transport and uptake of retinol during chicken oocyte growth (1169) 250
Villalaín, J., see López-García, F. (1169) 264

Watanabe, M.M., see Kaya, K. (1169) 39
Wolkowicz, P.E., see Madden, M.C. (1169) 176
Wong, L., see Asztalos, B.F. (1169) 291
Wong, L., see Asztalos, B.F. (1169) 301
Wong, L., see Sloop, C.H. (1169) 196
Wykle, R.L., see Strum, J.C. (1169) 25

Xu, J. and Possmayer, F.
Exposure of rabbit fetal lung to glucocorticoids in vitro does not enhance transcription of the gene encoding pulmonary surfactant-associated protein-B (SP-B) (1169) 146

Yamada, J., see Sakuma, M. (1169) 66
Yamada, K. and Sakane, F.
The different effects of sphingosine on diacylglycerol kinase isozymes in Jurkat cells, a human T-cell line (1169) 211
Yamada, K., Sakane, F., Imai, S.-i. and Takemura, H.
Sphingosine activates cellular diacylglycerol kinase in intact Jurkat cells, a human T-cell line (1169) 217
Yamashita, S., see Sakai, N. (1169) 169

Zhiri, A., see Bélichard, P. (1169) 98